

The background of the slide is a photograph of a brick building, likely a part of the Georgia Institute of Technology campus. The building features a prominent white cornice and a large, three-dimensional sign that reads "ITC" in white letters with yellow interiors, followed by a large white letter "R" with a yellow interior. The building is set against a clear blue sky.

# Georgia Institute of Technology

Dr. G. Wayne Clough  
President

Presentation for  
Honorable Mary McAleese  
President, Ireland  
April 30, 2007



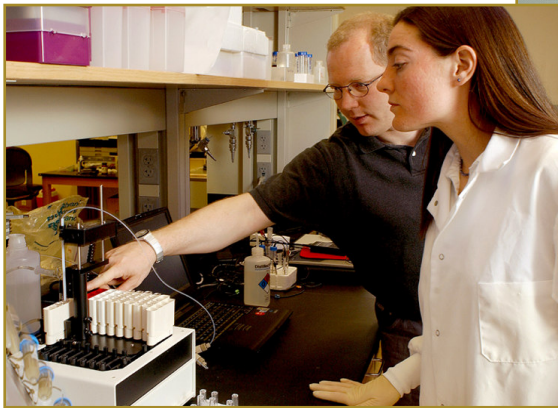


# Georgia Tech: Recognized for excellence

- Among top 10 public universities in the United States
- Among top 5 engineering schools in the United States
- Nationally ranked for computing, architecture, management, and selected science and liberal arts programs.
- Caliber of incoming freshmen among nation's top 5 public universities.

# Georgia Tech vision and mission

Georgia Tech will define the technological research university of the 21st century and educate the leaders of a technologically driven world.



# Achieving the vision

- Excellence and innovation
- Best students, faculty, staff
- Innovative educational programs
- Interdisciplinary environment
- Leading-edge facilities, services
- Industry and community collaboration
- Optimal technology transfer





# Five campuses on three continents



Georgia Tech Atlanta



Georgia  
Tech  
Lorraine



Georgia Tech  
Savannah



Georgia Tech Ireland

Georgia Tech  
Singapore



# Students

17,935 students enrolled:

- 12,360 under-graduates
- 5,575 graduate students
- Growing enrollment: added 4,850 students in the past 10 years.

Georgia Tech is a national leader in graduating engineers, including minorities & women.





# Faculty

- 954 academic faculty
- 961 research faculty
- 208 post-doctoral fellows
- 125 endowed chairs and professorships
- 28 National Academy members
- A leader in national science and technology awards to young faculty



# Academic programs



## Six colleges:

Architecture

Computing

Engineering

Ivan Allen College of Liberal Arts

Management

Sciences

## Interdisciplinary degrees:

Biomedical engineering

Bioinformatics

Prosthetics and orthotics

Human-computer interaction

Quantitative computational finance

Digital media





# Innovative interdisciplinary facilities



Biotechnology Complex



Klaus Advanced  
Computing Building

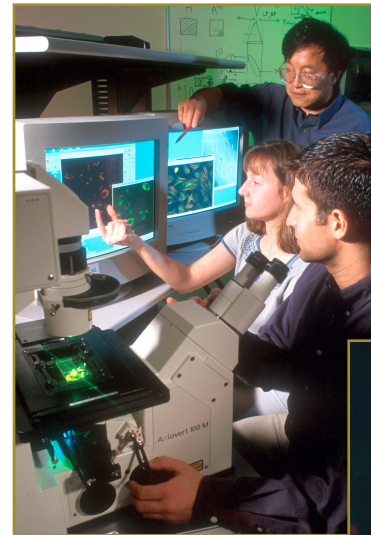


Technology Square

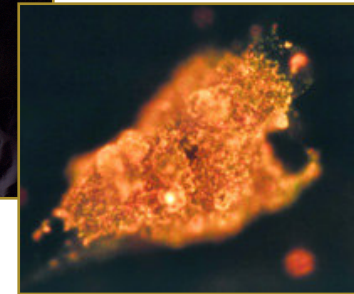
# Interdisciplinary research thrusts



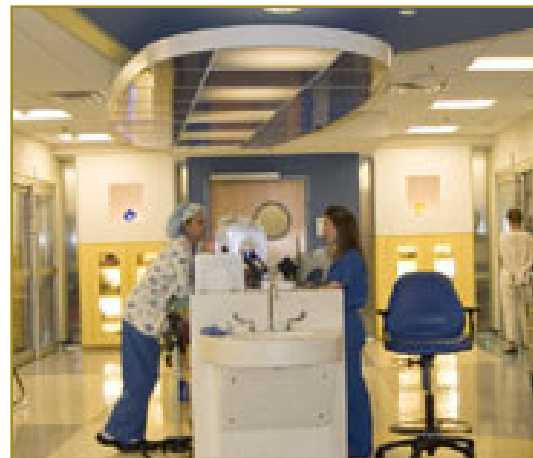
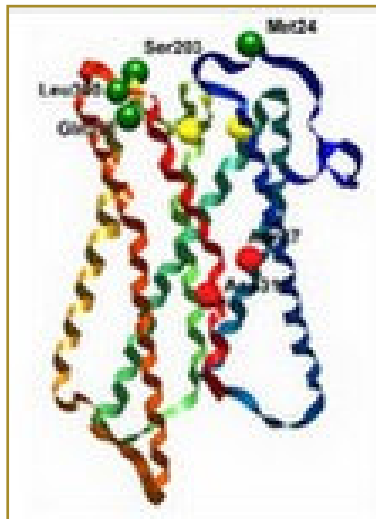
Energy



Nano-  
medicine



Systems  
biology



Electronic  
health  
systems



# Interdisciplinary research thrusts



Disasters, water



High  
performance  
computing



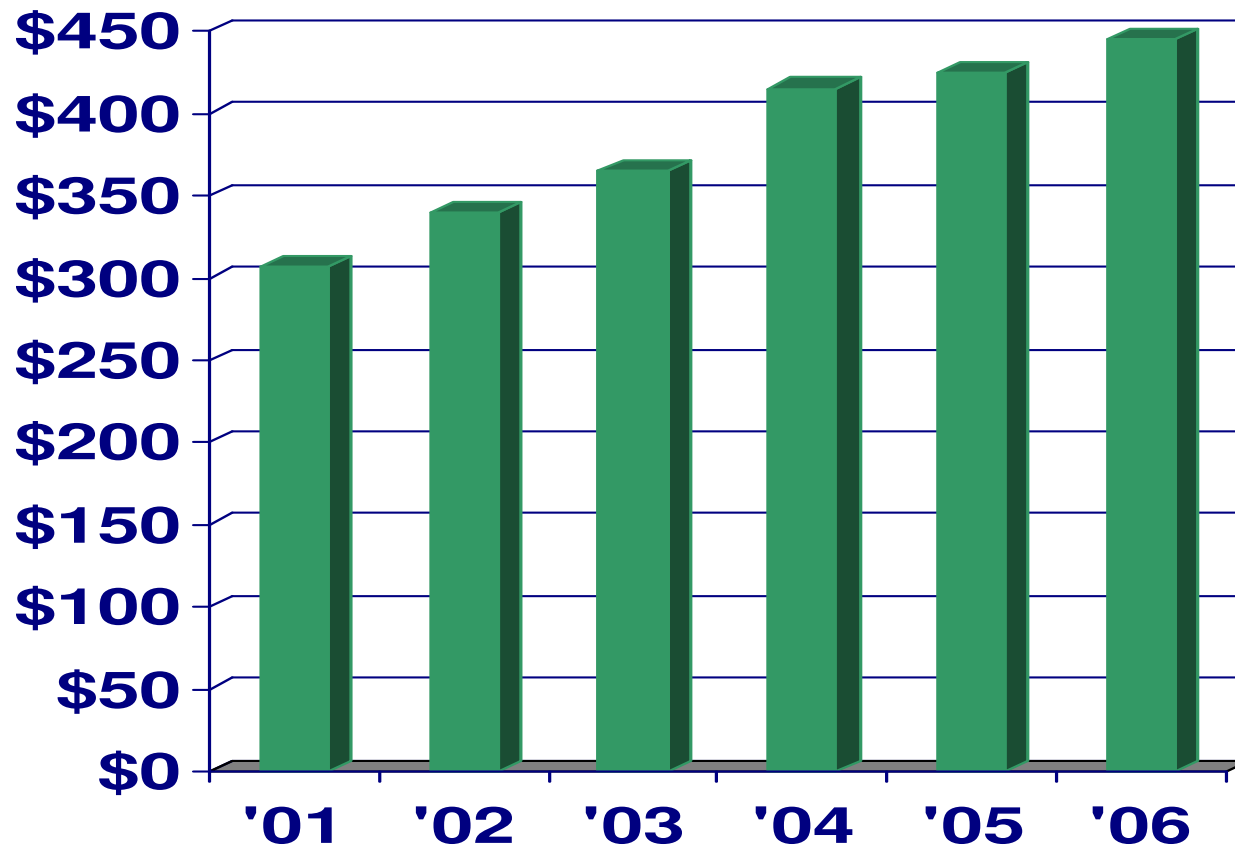
Sustainability



Robotics

# Annual research expenditures

(in millions)



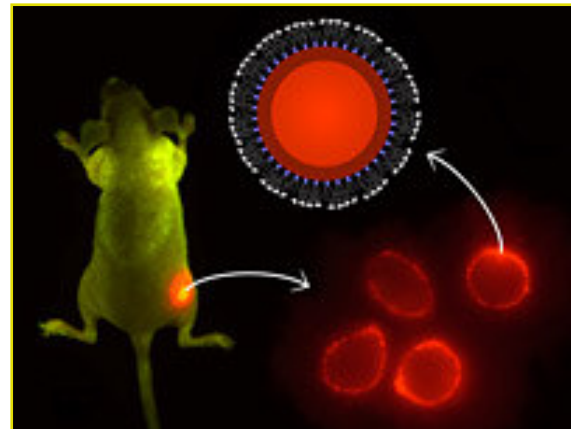
1,884 awards

2,317 awards



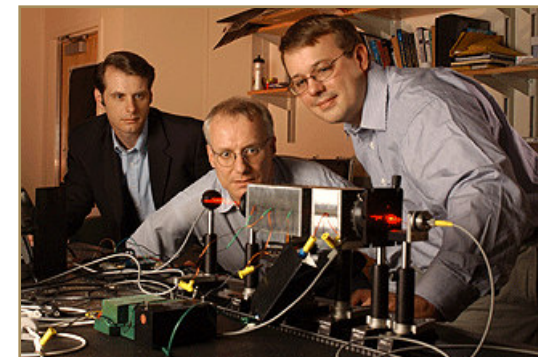
# At the leading edge

- No. 2 in the nation in engineering R&D
- Top 5 in research volume among universities with no medical school
- 19 National Centers of Excellence, including 3 nanomedicine centers
- Leader in MEMS and micro-electronics



# Sponsored R&D at Georgia Tech

- Over \$50 million in industry R&D
- \$102 million in defense R&D
- Classified and unclassified R&D
- Experience with industry IP, import/export regulations (ITAR, EAR), and publications
- R&D operations at international campuses in Europe, Singapore

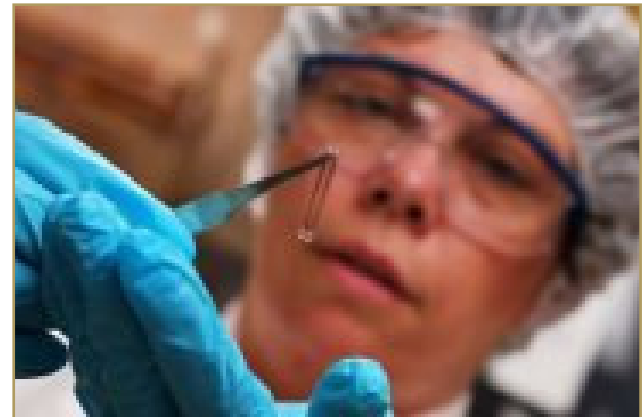




# Stimulating economic growth

- \$4 billion annual impact on the state of Georgia
- Top 10 university in patents awarded
- 1995-2005: created 76 new companies
- Global recognition for commercializing biotechnology:
  - ▷ No. 4 in start-up companies
  - ▷ No. 8 in patents filed
  - ▷ No. 11 in technology transfer

Milken Institute



CardioMEMS



# Advanced Technology Development Center

- First university-based business incubator in U.S.
- Widely regarded as one of the best
- 39 companies in residence; over 100 “graduate” companies
- Wide range of companies:

Electronics

Computing/IT

Optical technology

Technical services

Manufacturing

Environmental tech

Engineering

Telecommunications

New media

Internet apps

Software

Biotechnology